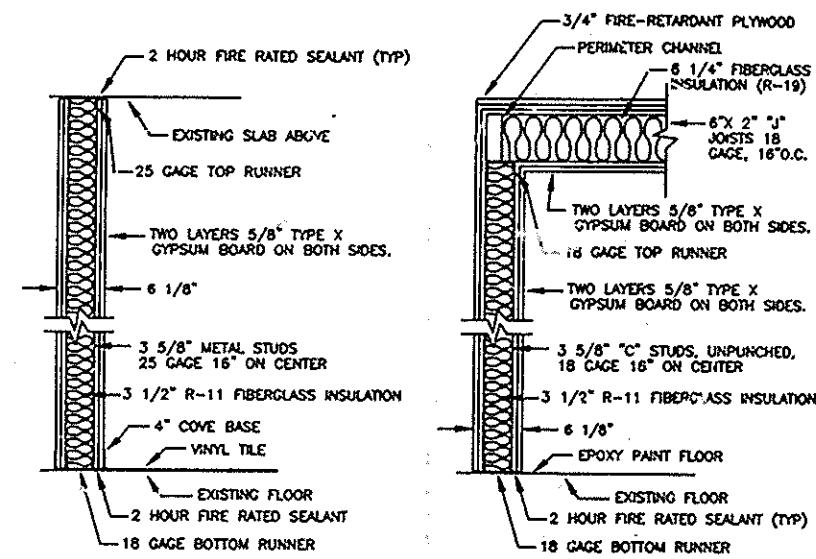


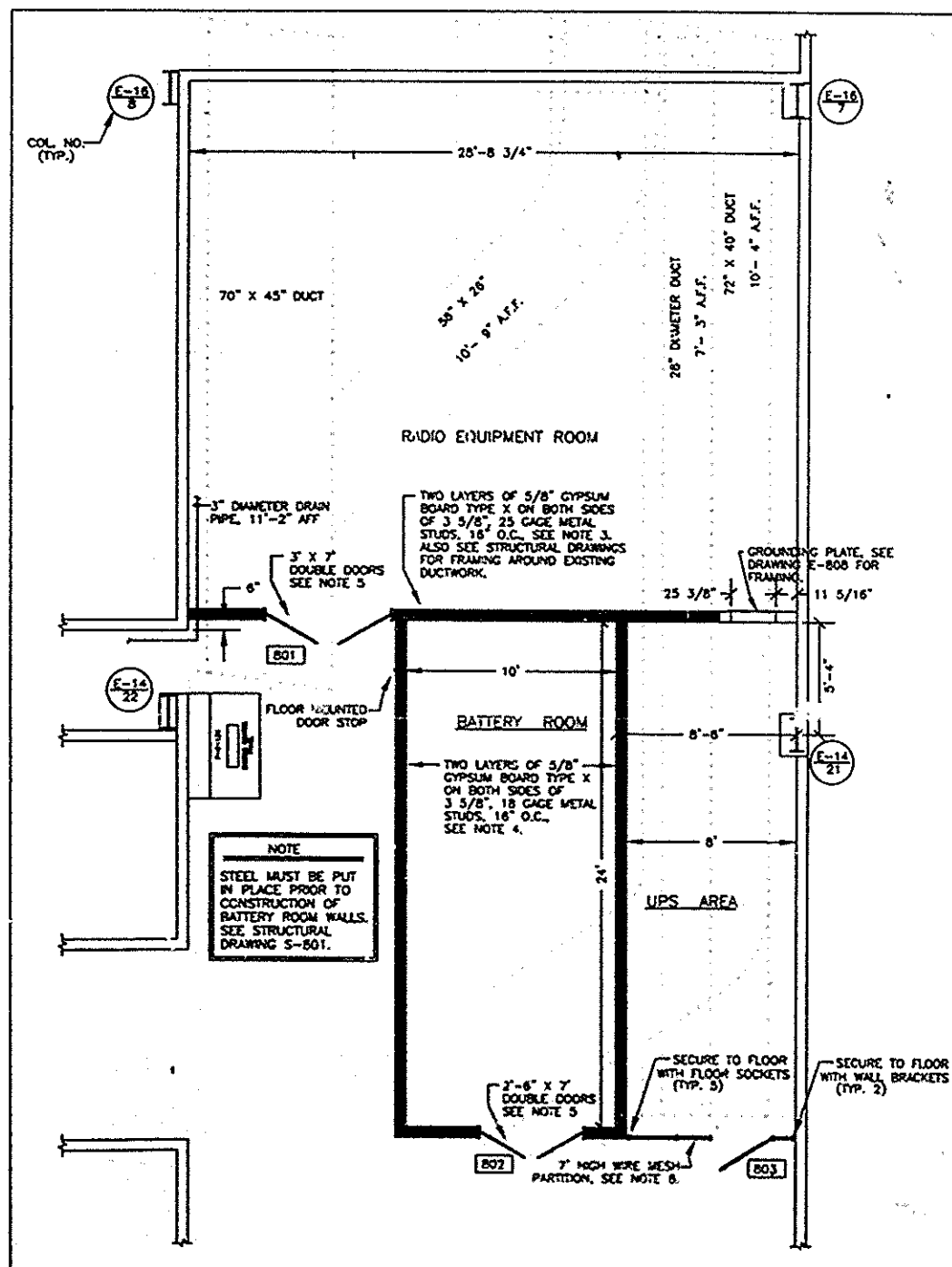
- 1) RADIO EQUIPMENT ROOM: PROVIDE 4" FLAT BLACK VINYL COVE BASE GLUED TO WALLS ALL AROUND. PATCH AND REPAIR EXISTING EPOXY PAINT ON FLOOR AS NECESSARY. BATTERY ROOM AND UPS AREA: PATCH AND REPAIR EXISTING EPOXY PAINT ON FLOOR AS NECESSARY.
- 2) PROVIDE A MAX. OF (2) FINISH COATS SEMI-GLOSS ENAMEL FOR THE ENTIRE ROOM WALLS OF RADIO EQUIPMENT, BATTERY ROOM, CEILING OF BATTERY ROOM AND UPS AREA ALL NEW WALLS AND CEILING SHALL ALSO HAVE A LATEX PRIMER COAT.
- 3) RADIO EQUIPMENT ROOM WALL SHALL BE 2" 5/8" TYPE X GYPSUM WALLBOARD ON BOTH SIDES OF 3/8" METAL STUDS 25 GA AT 16" ON CENTER WITH 3 1/2" TYPE F-111 FIBERGLASS INSULATION CONSTRUCTED FROM FLOOR TO SLAB.
- 4) BATTERY ROOM WALLS SHALL BE 2" 5/8" TYPE X GYPSUM WALLBOARD ON BOTH SIDES OF 3/8" "C" STUDS UNPUNCHED 18 GA AT 16" ON CENTER WITH 3 1/2" TYPE F-111 FIBERGLASS INSULATION. BATTERY ROOM CEILING TO BE CONSTRUCTED OF 2" X 2" X JOIST, 18 GA CEILING JOISTS AT 16" O.C. WITH 3/4" FIRE-RETARDANT PLYWOOD WITH (2) LAYERS 5/8" TYPE X GYPSUM BOARD ON BOTH SIDES OF JOISTS AND 5 1/4" R-19 FIBERGLASS INSULATION.
- 5) METAL FRAME FOR DOUBLE DOORS, 1 1/2 HOUR UL RATED, MINIMUM 16 GA STEEL FRAME AND DOOR MINIMUM 16 GA STEEL. 3" HOLLOW METAL DOORS 1/2" MIN. RATED IN LOCKING SYSTEMS ON PLAN, DOOR LOCKSET TO BE CORBIN-RUSSIAN # M22571W4628 LOCK WITHOUT CYLINDER. CYLINDERS PROVIDED AND INSTALLED BY OTHERS. BUTTS: STANLEY WORKS FB9819.
- 6) PROVIDE 2" HIGH WIRE PARTITIONS AND 3" WIDE DOOR WITH TWO PADLOCK "STAPLES" AT 21" AND 63" AFF. PADLOCKS BY OTHERS. ACORN WIRE AND IRON WORKS TYPE NO. 1324 OR APPROVED EQUAL LOCK TO BE KEPT SAME AS DOORS (NOTE 5 ABOVE).
- 7) IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM ON THIS DOCUMENT IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY BY THE NOTARY PUBLIC, AND THE VIOLATION SHALL BE FOLLOWED BY THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DOOR SCHEDULE										
DOOR NO.	DOOR			FRAME				GL LABEL	HWR SET	REMARKS
	OPENING SIZE	MAT'L	LVR/ U.C.	MAT'L	JAMB	HEAD	SACOLE			
801	2(3'-0" x 7'-0")	H.M.		H.M.				C	NOTE 5	SEE NOTE 5 AND DOOR DETAIL ON THIS DRAWING
802	2(2'-6" x 7'-0")	H.M.		H.M.				C	NOTE 5	SEE NOTE 5 AND DOOR DETAIL ON THIS DRAWING
803	3'-0" x 7'-0"	W.M.		STL					NOTE 6	SEE NOTE 6

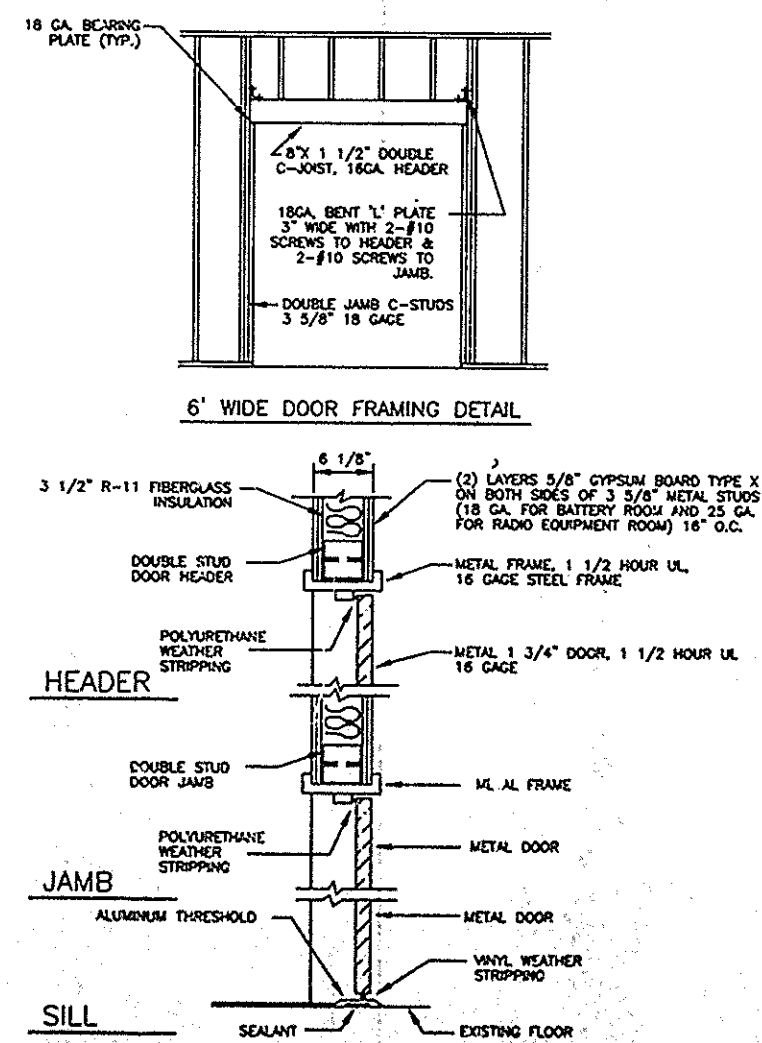


TYPICAL RADIO EQUIPMENT ROOM WALL      TYPICAL BATTERY ROOM WALL

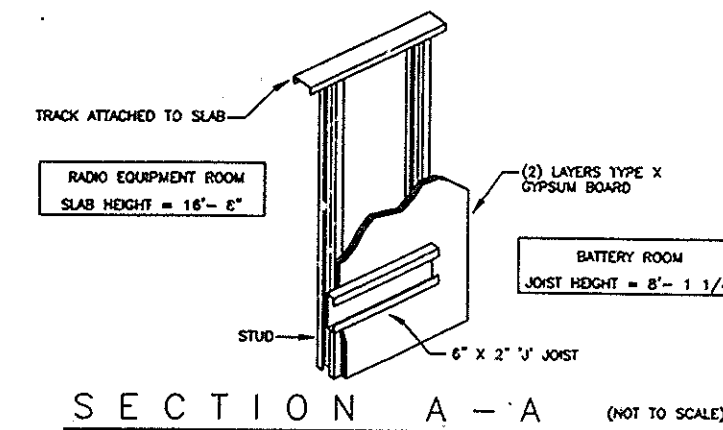
## TYPICAL 2-HOUR FIRE RATED WALLS



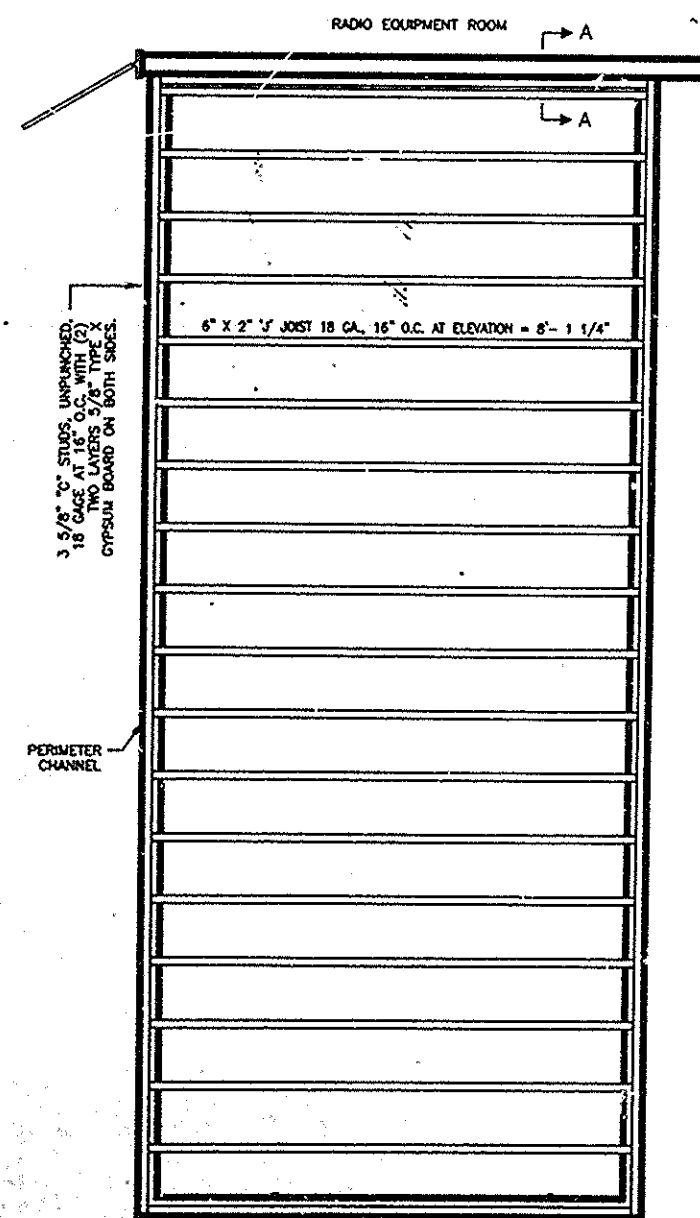
PARTIAL FLOOR PLAN



DOOR DETAIL



## SECTION A - A (NOT TO SCALE)



BATTERY ROOM CEILING JOIST LAYOUT

Sheet 89 of 110



**THE PORT AUTHORITY  
OF NY & NJ**



ORIGINAL SIGNED & SEALED BY  
N.Y. P.E. (OR R.A.)

**Ran: Communications Consultants, Inc.**  
10 Woodbridge Center Drive  
Woodbridge, NJ 07095  
(908) 636-6970 fax (908) 636-7260

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT  
COPY OF ONE OF THE CONTRACT DRAWINGS CON-  
STITUTING A PART OF CONTRACT NO. DTG-443-91  
IN THE FORM IN WHICH THE DRAWINGS EXISTED AT  
THE TIME SAID CONTRACT WAS EXECUTED BY  
THE PARTIES.

DATE 11/6/98 Enthian A. Aslam  
SPEC. WRITER

DATE 4/10/98 P.K. [Signature]  
ENGINEER OF DESIGN

No.	Date	Revision	Approve

The  
World  
Trade  
Center

**745e**  
**STANDBY POWER**  
**5 WORLD TRADE CENTER**  
**COMMUNICATIONS**

**CONSTRUCTION PLAN,  
WALL SECTIONS,  
DOOR DETAILS AND NOTES**

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Part Authority and  
may not be used without its written consent.

S.G.      R.M.      S.G.  
Designed by      Drawn by      Checked by

Date \_\_\_\_\_ Scale AS NOTED

Contract Number	Drawing Number
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WTC-945,071 A-801